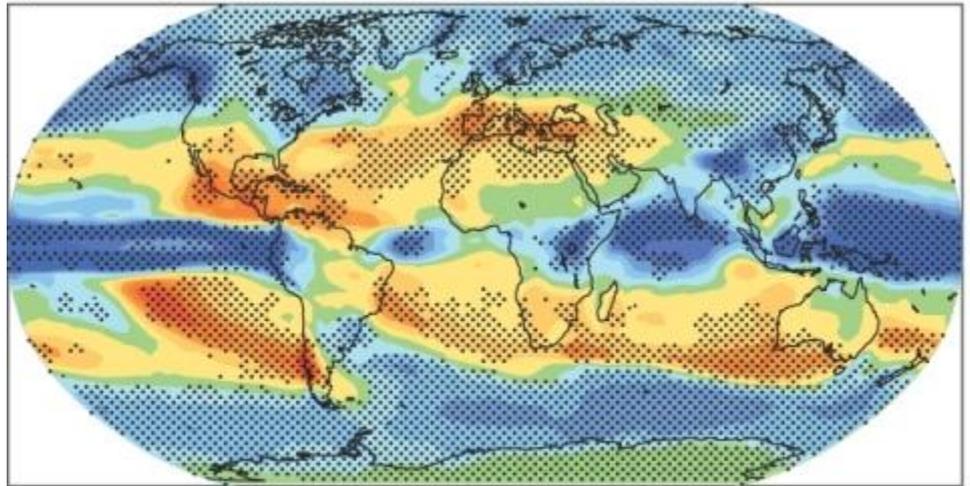


7_LP_Desert Expansion.

Subject and Grade Level: Geography	Date:
Learning Outcomes of the Lesson/ Competences: At the end of this lesson students will be able: 1) to explain how natural factors (climate change) will affect desertification, 2) recognize human activities that affects expansion of deserts, 3) to evaluate and explain human impact on desertification (development of critical thinking)	Topic: Expansion of deserts
Learning Objectives of the Lesson: To understand how natural and human factors affect expansion of deserts?	
Previous Knowledge of Students: Students have to know what is desert, climate change. Should understand that both natural and human factors are responsible for changes in various places.	
Educational Tools, Aids, and Materials: video on desertification, maps on climate change predictions presentation on causes desertification. Real life examples on effects of desertification.	
Starter: Getting Started Phase: Challenging	This lesson is more about deserts, but today you will learn about the very important problem that affects many people living in semi-arid areas, it affects global food production. Teacher shows to students any picture with signs of desertification and asks students to describe what they see http://hir.harvard.edu/article/?a=10416 (one example). Students are asked to come up with definition of desertification. In case they are having problems defining it teacher should ask some questions that might help in that. Students are given task to find out what processes are responsible for desert expansion.
Working Phase: Understanding	1. Climate changes and desertification. Students are asked to compare map with location of deserts and map with predicted increase of temperature. https://data.giss.nasa.gov/gistemp/news/2007/Fig1_2007annual.gif Task: Identify possible increase of temperature in areas with deserts? Compare location of deserts and predicted changes in precipitation



2. How human activities are responsible for desert expansion? Students have to watch first part of the video
<https://www.youtube.com/watch?v=w9RxnuBiFbg>
 Students have to take notes to identify as many as possible types of human impact on desert expansion.

**Consolidation Phase:
 Discussion and
 Feedback**

Discussion on causes of desertification.
 Why deserts expand?
 What is the most important factors responsible for the process?
 Teachers might expect different opinions on that and promote discussion between students.



DESERTIFICATION.ppt

To review on causes of desertification teacher asks students to comment on slides and explain to others how named factors lead to desertification.

Post-lesson box for teacher

What aspects of the lesson went well and what went badly?
 What improvements can I make to the lesson for next time around?